METHOD OF ALIGNING SCROLL COMPRESSOR PUMP CARTRIDGE

ABSTRACT OF THE DISCLOSURE

A method of aligning a crankcase to a non-orbiting scroll includes the steps of forming initial alignment surfaces on both the non-orbiting scroll and the crankcase. Further, when the non-orbiting scroll and the crankcase are machined, precision drilled holes are drilled into each of the two. These holes are drilled relative to datum surfaces on both the non-orbiting scroll and the crankcase. Thus, once the two have been pre-positioned, the precision drilled holes are aligned and a threaded bolt is inserted into the precision drilled holes. The threaded bolt ensures that the two will be radially positioned properly relative to each other.

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